



April 28, 2010

VIA OVERNIGHT MAIL

The Natural Gas STAR Program
US EPA (6207J)
1310 L Street, NW
Washington, DC 20005
U.S.A.

Re: Quicksilver Resources Inc.
2009 Annual Report

Enclosed is our STAR Program 2009 Annual Report. If you require additional information or have any questions, please feel free to call.

Sincerely,

Maggie Aclin
Environmental Specialist

Enclosure

EPA Received 5/6/2010
ERG Received 5/20/2010
Entered into iSTAR 5/21/10-J/K
QA/QC 5/24/2010 OF

Company Information

Annual Report 2009



Production
**Gathering and
Processing
Sector**

Company Name: Quicksilver Resources Inc.

Gas STAR Contact: Maggie Aclin

Title: Environmental Specialist

Address: 777 West Rosedale

Suite 300

City, State, Zip Code: Fort Worth, TX 76104

Telephone: 817-665-4975

Fax: 817-665-5009

E-mail: maclin@qrinc.com

Annual Report Summary

- ☐ BMP 1: Convert gas pneumatics to instrument air systems
- ☐ BMP 2: Install flash tank separators on glycol dehydrators
- ☐ BMP 3: Directed inspection and maintenance at gas plants and booster stations
- ☒ Partner Reported Opportunities (*please specify*):

1 VRU Unit (on-going 4th reporting year)

1 VRU Unit (on going 2nd reporting year)

1 VRU installation (2009 first reporting year)

Period covered by report: From: 1/1/2009 To: 12/31/2009

Partner Signature Required:

I hereby certify the accuracy of the data contained in this report.

Maggie Aclin

April 28, 2010

Date

- Because the implementation of some technologies reduces emissions for multiple years, Natural Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Natural Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.
- In addition to reporting methane emissions reductions, you are welcome to include other information about your company's participation in Natural Gas STAR in the "Additional Program Accomplishments" section of this form. The Natural Gas STAR Program will use any information entered in this section to recognize the efforts and accomplishments of outstanding partners.



Gathering and Processing Sector Annual Report

OMB Control No. 2060-0328
Expires 07/31/2011

Partner Reported Opportunities (PROs)

For more details on PROs, visit epa.gov/gasstar/tools/recommended.html

Current Year Activities

A. Facility/location identifier information:

B. Activity description: Please provide a separate PRO reporting form for each activity reported. If reporting a DI&M activity, please use a separate page for each location/facility surveyed.

Please specify the technology or practice that was implemented (choose from the list in the appendix or describe your own):

Please describe how your company implemented this activity:

C. Level of implementation (check one):

- ☒ Number of units installed: 3 units
☐ Frequency of practice: _____ times/year

D. Are emissions reductions a one-year reduction or a multi-year reduction? ☐ One-year ☐ Multi-year

If Multi-year:

- ☐ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration*.
☒ Partner will report this activity annually up to allowed sunset date.

E. Methane emissions reduction 98,337.327 Mcf

F. Cost summary: Estimated cost of implementing this practice/activity (including equipment and labor): \$ _____

Please identify the basis for the emissions reduction estimate, using the space provided to show any calculations

- ☒ Actual field measurement
☐ Calculation using manufacturer specifications/other source

☐ Other (please specify): _____

For assistance quantifying the methane emission reductions achieved by a particular technology or practice, please refer to the Natural Gas STAR Emission Reduction Quantification Reference Guide, available on our Web site at:
epa.gov/gasstar/documents/xls/quantifying_ngs_methane_reductions.xls

G. Total value of gas saved: \$ 391,972.59

NYMEX-Natural Gas Contract Settlement Price History-2009 year average
Total value of gas saved = Methane emissions reduction (in Mcf) x Gas value (in \$/Mcf) [If not known, use default of \$7.00/Mcf]

H. To what extent do you expect to implement this practice next year?

Previous Years' Activities

Use the table below to report any past implementation of this PRO, but not previously reported to Natural Gas STAR

Year	Frequency of Practice/Activity or # of Installations	Total Cost of Practice/Activity (incl. equipment and labor) (\$)	Estimated Reductions (Mcf/yr)	Value of Gas Saved (\$)

PRO Comments: Please use the back of the page for additional space if needed.

*Because the implementation of some technologies reduces emissions for multiple years, Natural Gas STAR allows certain activities to count towards a company's emission reductions beyond the initial year of implementation. Natural Gas STAR designates the maximum length of time that these reductions may accrue as "sunset dates." The Appendix lists these sunset dates. Companies can report the corresponding methane emission reductions each year up to the allowable sunset date. Or, companies may wish to report reductions only once for the implementation year, and have EPA automatically apply the sunset date and count those emissions for the allowable number of years.



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Additional Program Accomplishments

The Natural Gas STAR Program will use any information entered here to recognize the efforts and achievements of outstanding partners.

Please include any additional information you would like to share about your company's participation in Natural Gas STAR. Examples may include:

- Activities to strengthen your program (e.g., training/education, innovative technologies or activities, pilot projects, employee incentive programs).
- Efforts to communicate your participation and successes (e.g., internal newsletters, press releases, company Web site).
- Participation in Natural Gas STAR program activities (e.g., contributions to case studies, presentation at annual workshop).

Additional Accomplishments:

- Annual valve inspection (pipe to soil reading);
- Semi-annual release valve testing;
- Quarterly inspection of road and railroad crossing areas;
- Monthly rectifier readings;
- Every 3 years atmospheric corrosion survey ; and
- Every two weeks aerial liquid line inspection

Additional Accomplishments Comments: Please use the back of the page for additional space if needed.